



01-16-01

## UTILITY

PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

500497.01

January 11, 2001

First Inventor or Application Identifier

Aaftab Munshi

Title

APPARATUS AND METHOD FOR GRADIENT MAPPING IN A  
GRAPHICS PROCESSING SYSTEM

Express Mail Label No.

EL 476401530 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Box Patent Application  
Commissioner of Patents  
Washington, D.C. 202311. ☒ Fee Transmittal Sheet  
(Submit an original and a duplicate for fee processing)2. ☐ Applicant(s) Claim(s) Small Entity Status3. ☒ Specification [Total Pages] **15**  
(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

☒ Drawing(s) (35 USC 113) [Total Sheets] **3**☒ Oath or Declaration [Total Pages] **2**a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)☒ Application Data Sheet (37 C.F.R. 1.76)7. ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer-Readable Form (CRF)b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paperc. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)10. ☒ Assignment Papers (cover sheet & document(s))11. ☒ 37 CFR 3.73(b) Statement  
(when there is an assignee)☒ Power of Attorney12. ☐ English Translation Document (if applicable)13. ☐ Preliminary Amendment Total Pages \_\_\_\_\_14. ☒ Return Receipt Postcard15. ☐ Information Disclosure  
Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)17. ☒ Other: Certificate of Express Mail  
Check

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior Application No.: \_\_\_\_\_ Filed \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

☐ Incorporation By Reference (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

## CORRESPONDENCE ADDRESS

Kimton N. Eng, Esq.  
Dorsey & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101-4010  
(206) 903-8800 phone  
(206) 903-8820 fax

Customer No. 27,076

TYPED or PRINTED NAME Kimton N. EngREGISTRATION NO. 43,605SIGNATURE Kimton N. EngDate January 11, 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Aaftab Munshi and Colin Sharp      Attorney Docket No.: 500497.01  
Filed : January 11, 2001  
Title : APPARATUS AND METHOD FOR GRADIENT MAPPING IN A GRAPHICS  
PROCESSING SYSTEM



CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Box Patent Application  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL476401530US, on January 11, 2001, addressed to Box Patent Application, Commissioner of Patents, Washington, DC 20231.

Respectfully submitted,

DORSEY & WHITNEY LLP

  
/ for West Courier

KNE:asw

Enclosures:

Postcard  
Check  
Form PTO/SB/05  
Application Data Sheet  
Fee Transmittal Sheet (+ copy)  
General Authorization  
Specification, Claims, Abstract (15 pages)  
3 Sheets of Drawings (Figures 1-3)  
Declaration  
Election and Power of Attorney  
Form PTO-1595  
Assignment

09/759789 01/11/01

# FEE TRANSMITTAL SHEET (FOR FY 2001)

Complete if Known

|                      |                       |
|----------------------|-----------------------|
| Express Mail No.     | EL 476401530 US       |
| Filing Date          | Concurrently Herewith |
| First Named Inventor | Aaftab Munshi         |
| Group Art Unit       | Not Yet Assigned      |
| Examiner             | Not Yet Assigned      |
| Atty. Docket Number  | 500497.01             |

JC918 U.S. PTO  
09/759789  
01/11/01

## METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  |
|----------|----------|----------|----------|--|
| 101      | 710      | 201      | 355      | <input checked="" type="checkbox"/> Utility Filing Fee |
| 106      | 320      | 206      | 160      | <input type="checkbox"/> Design Filing Fee             |
| 108      | 710      | 208      | 355      | <input type="checkbox"/> Reissue Filing Fee            |
| 114      | 150      | 214      | 75       | <input type="checkbox"/> Prov. Filing Fee              |

Subtotal (1) \$ 710

### 2. EXTRA CLAIM FEES

| Current Claims            | Prior | Extra | Fee | Fee Paid             |
|---------------------------|-------|-------|-----|----------------------|
| Total                     | 27    | -     | 20  | = 7 x \$ 18 = \$ 126 |
| Ind.                      | 6     | -     | 3   | = 3 x \$ 80 = \$ 240 |
| Multiple Dependent Claims |       |       |     | x \$ = \$            |
| Subtotal (2)              |       |       |     | \$ 366               |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description   |
|-----------------------|-----------------------|-----------------------|-----------------------|---|
| 103                   | 18                    | 203                   | 9                     | Claims in excess of 20                                  |
| 102                   | 80                    | 202                   | 40                    | Independent claims in excess of 3                       |
| 104                   | 270                   | 204                   | 135                   | Multiple dependent Claim                                |
| 109                   | 80                    | 209                   | 40                    | Reissue independent claims over original patent         |
| 110                   | 18                    | 210                   | 9                     | Reissue claims in excess of 20 and over original patent |

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 105                   | 130                   | 205                   | 65                    | Surcharge - Late filing fee or oath  | \$       |
| 127                   | 50                    | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet                     | \$       |
| 139                   | 130                   | 139                   | 130                   | Non-English specification  | \$       |
| 147                   | 2,520                 | 147                   | 2,520                 | For Filing a Request for Reexamination                                     | \$       |
| 115                   | 110                   | 215                   | 55                    | Extension for reply within first month                                     | \$       |
| 116                   | 390                   | 216                   | 195                   | Extension for reply within 2 <sup>nd</sup> month                           | \$       |
| 117                   | 890                   | 217                   | 445                   | Extension for reply within 3 <sup>rd</sup> month                           | \$       |
| 118                   | 1,390                 | 218                   | 695                   | Extension for reply within 4 <sup>th</sup> month                           | \$       |
| 128                   | 1,890                 | 280                   | 945                   | Extension for reply within 5 <sup>th</sup> month                           | \$       |
| 120                   | 310                   | 220                   | 155                   | Filing a brief in support of an appeal                                     | \$       |
| 121                   | 260                   | 270                   | 135                   | Request for oral hearing   | \$       |
| 148                   | 110                   | 248                   | 55                    | Terminal Disclaimer Fee  | \$       |
| 140                   | 10                    | 240                   | 55                    | Petition to revive - unavoidable   | \$       |
| 141                   | 1,240                 | 241                   | 620                   | Petition to revive - unintentional   | \$       |
| 142                   | 1,240                 | 242                   | 620                   | Utility/Reissue issue fee (+ advance copies)                               | \$       |
| 143                   | 440                   | 243                   | 220                   | Design issue fee (+ advance copies)  | \$       |
| 122                   | 130                   | 122                   | 130                   | Petitions to the Commissioner  | \$       |
| 123                   | 50                    | 123                   | 50                    | Petitions related to provisional applications                              | \$       |
| 126                   | 180                   | 126                   | 180                   | Submission of IDS  | \$       |
| 581                   | 40                    | 81                    | 40                    | Recording each patent assignment per property (times number of properties) | \$ 40    |
| 179                   | 710                   | 279                   | 355                   | Request for Continued Examination (RCE)                                    | \$       |
| Other fee (specify)   |                       |                       |                       |  | \$       |
| Subtotal (3)          |                       |                       |                       |  | \$ 40    |

Total Amount of Payment: \$ 1,116

Submitted by:

Name: Kimton N. Eng

Reg. No.: 43,605

Telephone: (206) 903-8800

Signature: *Kimton Eng*

Date: January 11, 2001